

This Page Is Inserted by IFW Operations  
and is not a part of the Official Record

## **BEST AVAILABLE IMAGES**

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

**IMAGES ARE BEST AVAILABLE COPY.**

**As rescanning documents *will not* correct images,  
please do not report the images to the  
Image Problem Mailbox.**

L Number	Hits	Search Text	DB	Time stamp
1	1	("5962806").PN.	USPAT; US-PGPUB	2004/06/27 13:45
2	4	5962806.URPN.	USPAT	2004/06/27 13:38
3	20	("0008843"   "2805067"   "2831431"   "3209695"   "3523538"   "3626626"   "3732821"   "3803463"   "3857566"   "4253132"   "4337496"   "4424932"   "4541402"   "5131602"   "5202533"   "5317914"   "5473501"   "5649466"   "5698815"   "5750918").PN.	USPAT	2004/06/27 13:49
4	1	("3523538").PN.	USPAT; US-PGPUB	2004/06/27 13:45
5	24	3523538.URPN.	USPAT	2004/06/27 13:45
7	1	("5698815").PN.	USPAT; US-PGPUB	2004/06/27 13:50
8	14	5698815.URPN.	USPAT	2004/06/27 13:50
9	9	("2805067"   "3209695"   "3523538"   "3626626"   "3732821"   "3803463"   "4253132"   "5202533"   "5473501").PN.	USPAT	2004/06/27 13:53
10	5	((("4852454") or ("3803463") or ("6636412") or ("4253132") or ("3771249"))).PN.	USPAT; US-PGPUB	2004/06/27 14:40
-	1	("6679180").PN.	USPAT; US-PGPUB	2004/06/26 15:00
-	5	((("3523538") or ("3626626") or ("5192827") or ("5355765") or ("5750918"))).PN.	USPAT; US-PGPUB	2004/06/25 15:37
-	14	((("3971292") or ("4846044") or ("4930392") or ("5103366") or ("5473501") or ("5625525") or ("5654867") or ("5675103") or ("5698815") or ("5786546") or ("5831199") or ("5936183") or ("5952600") or ("5962806"))).PN.	USPAT; US-PGPUB	2004/06/27 14:39
-	683703	projectile or bullet or dart or arrow or missile	USPAT; US-PGPUB	2004/06/26 15:01
-	269934	capacitor	USPAT; US-PGPUB	2004/06/26 15:02
-	37154	(projectile or bullet or dart or arrow or missile) and capacitor	USPAT; US-PGPUB	2004/06/26 17:10
-	4972	(projectile or bullet or dart or arrow or missile) same capacitor	USPAT; US-PGPUB	2004/06/26 17:04
-	1788	(projectile or bullet or dart or arrow or missile) with capacitor	USPAT; US-PGPUB	2004/06/26 16:45
-	829	(projectile or bullet or dart or arrow or missile) near6 capacitor	USPAT; US-PGPUB	2004/06/26 15:07
-	426	(102/502,293).CCLS.	USPAT; US-PGPUB	2004/06/26 15:04
-	296	(361/232).CCLS.	USPAT; US-PGPUB	2004/06/26 15:04
-	1115	(89/1.11,1.1).CCLS.	USPAT; US-PGPUB	2004/06/26 15:04
-	134	(42/1.08).CCLS.	USPAT; US-PGPUB	2004/06/26 15:04
-	81	(452/58).CCLS.	USPAT; US-PGPUB	2004/06/26 15:04
-	54	(463/47.3).CCLS.	USPAT; US-PGPUB	2004/06/26 15:05
-	359	(119/908,174).CCLS.	USPAT; US-PGPUB	2004/06/26 15:05
-	2339	((102/502,293).CCLS.) or ((361/232).CCLS.) or ((89/1.11,1.1).CCLS.) or ((42/1.08).CCLS.) or ((452/58).CCLS.) or ((463/47.3).CCLS.) or ((119/908,174).CCLS.)	USPAT; US-PGPUB	2004/06/26 18:02
-	60	((102/502,293).CCLS.) or ((361/232).CCLS.) or ((89/1.11,1.1).CCLS.) or ((42/1.08).CCLS.) or ((452/58).CCLS.) or ((463/47.3).CCLS.) or ((119/908,174).CCLS.)) and ((projectile or bullet or dart or arrow or missile) and capacitor)	USPAT; US-PGPUB	2004/06/26 15:07

-	22	((102/502,293).CCLS.) or ((361/232).CCLS.) or ((89/1.11,1.1).CCLS.) or ((42/1.08).CCLS.) or ((452/58).CCLS.) or ((463/47.3).CCLS.) or ((119/908,174).CCLS.)) and ((projectile or bullet or dart or arrow or missile) same capacitor)	USPAT; US-PGPUB	2004/06/26 15:07
-	0	((102/502,293).CCLS.) or ((361/232).CCLS.) or ((89/1.11,1.1).CCLS.) or ((42/1.08).CCLS.) or ((452/58).CCLS.) or ((463/47.3).CCLS.) or ((119/908,174).CCLS.)) near6 ((projectile or bullet or dart or arrow or missile) near6 capacitor)	USPAT; US-PGPUB	2004/06/26 15:38
-	12	((102/502,293).CCLS.) or ((361/232).CCLS.) or ((89/1.11,1.1).CCLS.) or ((42/1.08).CCLS.) or ((452/58).CCLS.) or ((463/47.3).CCLS.) or ((119/908,174).CCLS.)) and ((projectile or bullet or dart or arrow or missile) with capacitor)	USPAT; US-PGPUB	2004/06/26 15:38
-	201392	shock\$4 or stun\$4	USPAT; US-PGPUB	2004/06/26 15:39
-	22	((102/502,293).CCLS.) or ((361/232).CCLS.) or ((89/1.11,1.1).CCLS.) or ((42/1.08).CCLS.) or ((452/58).CCLS.) or ((463/47.3).CCLS.) or ((119/908,174).CCLS.)) and ((projectile or bullet or dart or arrow or missile) same capacitor)	USPAT; US-PGPUB	2004/06/26 15:40
-	10	((102/502,293).CCLS.) or ((361/232).CCLS.) or ((89/1.11,1.1).CCLS.) or ((42/1.08).CCLS.) or ((452/58).CCLS.) or ((463/47.3).CCLS.) or ((119/908,174).CCLS.)) and ((projectile or bullet or dart or arrow or missile) same capacitor)) not (((102/502,293).CCLS.) or ((361/232).CCLS.) or ((89/1.11,1.1).CCLS.) or ((42/1.08).CCLS.) or ((452/58).CCLS.) or ((463/47.3).CCLS.) or ((119/908,174).CCLS.)) and ((projectile or bullet or dart or arrow or missile) with capacitor))	USPAT; US-PGPUB	2004/06/26 15:40
-	60	((102/502,293).CCLS.) or ((361/232).CCLS.) or ((89/1.11,1.1).CCLS.) or ((42/1.08).CCLS.) or ((452/58).CCLS.) or ((463/47.3).CCLS.) or ((119/908,174).CCLS.)) and ((projectile or bullet or dart or arrow or missile) and capacitor)	USPAT; US-PGPUB	2004/06/26 16:27
-	38	((102/502,293).CCLS.) or ((361/232).CCLS.) or ((89/1.11,1.1).CCLS.) or ((42/1.08).CCLS.) or ((452/58).CCLS.) or ((463/47.3).CCLS.) or ((119/908,174).CCLS.)) and ((projectile or bullet or dart or arrow or missile) and capacitor)) not (((102/502,293).CCLS.) or ((361/232).CCLS.) or ((89/1.11,1.1).CCLS.) or ((42/1.08).CCLS.) or ((452/58).CCLS.) or ((463/47.3).CCLS.) or ((119/908,174).CCLS.)) and ((projectile or bullet or dart or arrow or missile) with capacitor)) or (((102/502,293).CCLS.) or ((361/232).CCLS.) or ((89/1.11,1.1).CCLS.) or ((42/1.08).CCLS.) or ((452/58).CCLS.) or ((463/47.3).CCLS.) or ((119/908,174).CCLS.)) and ((projectile or bullet or dart or arrow or missile) same capacitor)))	USPAT; US-PGPUB	2004/06/26 16:27

-	10	(projectile or bullet or dart or arrow or missile) with capacitor with (shock\$4 or stun\$4 )	USPAT; US-PGPUB	2004/06/26 16:46
-	57	(projectile or bullet or dart or arrow or missile) same capacitor same (shock\$4 or stun\$4 )	USPAT; US-PGPUB	2004/06/26 17:05
-	47	((projectile or bullet or dart or arrow or missile) same capacitor same (shock\$4 or stun\$4 )) not ((projectile or bullet or dart or arrow or missile) with capacitor with (shock\$4 or stun\$4 ))	USPAT; US-PGPUB	2004/06/26 17:05
-	3127	(projectile or bullet or dart or arrow or missile) and capacitor and (shock\$4 or stun\$4 )	USPAT; US-PGPUB	2004/06/26 17:10
-	212980	dielectric	USPAT; US-PGPUB	2004/06/26 17:46
-	2149669	fluid or liquid or solution or water	USPAT; US-PGPUB	2004/06/26 17:46
-	125040	dielectric and (fluid or liquid or solution or water)	USPAT; US-PGPUB	2004/06/26 17:13
-	49881	dielectric same (fluid or liquid or solution or water)	USPAT; US-PGPUB	2004/06/26 17:15
-	31622	dielectric with (fluid or liquid or solution or water)	USPAT; US-PGPUB	2004/06/26 17:16
-	21480	dielectric near5 (fluid or liquid or solution or water)	USPAT; US-PGPUB	2004/06/26 17:18
-	2254	(dielectric near5 (fluid or liquid or solution or water)) same capacitor	USPAT; US-PGPUB	2004/06/26 17:21
-	1492	(dielectric near5 (fluid or liquid or solution or water)) with capacitor	USPAT; US-PGPUB	2004/06/26 17:26
-	3	((dielectric near5 (fluid or liquid or solution or water)) with capacitor) and ((102/502,293).CCLS.) or ((361/232).CCLS.) or ((89/1.11,1.1).CCLS.) or ((42/1.08).CCLS.) or ((452/58).CCLS.) or ((463/47.3).CCLS.) or ((119/908,174).CCLS.))	USPAT; US-PGPUB	2004/06/26 17:23
-	2337	(dielectric with (fluid or liquid or solution or water)) with capacitor	USPAT; US-PGPUB	2004/06/26 17:27
-	3	((dielectric with (fluid or liquid or solution or water)) with capacitor) and ((102/502,293).CCLS.) or ((361/232).CCLS.) or ((89/1.11,1.1).CCLS.) or ((42/1.08).CCLS.) or ((452/58).CCLS.) or ((463/47.3).CCLS.) or ((119/908,174).CCLS.))	USPAT; US-PGPUB	2004/06/26 17:28
-	5	(dielectric near5 (fluid or liquid or solution or water)) with capacitor with (projectile or bullet or dart or arrow or missile)	USPAT; US-PGPUB	2004/06/26 17:33
-	6	(dielectric with (fluid or liquid or solution or water)) with capacitor with (projectile or bullet or dart or arrow or missile)	USPAT; US-PGPUB	2004/06/26 18:19
-	210773	dielectric	EPO; JPO; DERWENT	2004/06/26 18:02
-	6029183	fluid or liquid or solution or water	EPO; JPO; DERWENT	2004/06/26 17:46
-	92	((dielectric with (fluid or liquid or solution or water)) and dielectric and (projectile or bullet or dart or arrow or missile))	EPO; JPO; DERWENT	2004/06/26 17:57
-	6	((dielectric with (fluid or liquid or solution or water)) and (projectile or bullet or dart or arrow or missile)) and capacitor	EPO; JPO; DERWENT	2004/06/26 17:58
-	138	((102/502,293).CCLS.) or ((361/232).CCLS.) or ((89/1.11,1.1).CCLS.) or ((42/1.08).CCLS.) or ((452/58).CCLS.) or ((463/47.3).CCLS.) or ((119/908,174).CCLS.)) and @pd>=20030301	USPAT; US-PGPUB	2004/06/26 18:04

-	32	(dielectric same (fluid or liquid or solution or water)) same capacitor same (projectile or bullet or dart or arrow or missile)	USPAT; US-PGPUB	2004/06/26 18:22
-	26	((dielectric same (fluid or liquid or solution or water)) same capacitor same (projectile or bullet or dart or arrow or missile)) not (((dielectric near5 (fluid or liquid or solution or water)) with capacitor with (projectile or bullet or dart or arrow or missile)) or ((dielectric with (fluid or liquid or solution or water)) with capacitor with (projectile or bullet or dart or arrow or missile)))	USPAT; US-PGPUB	2004/06/27 13:38